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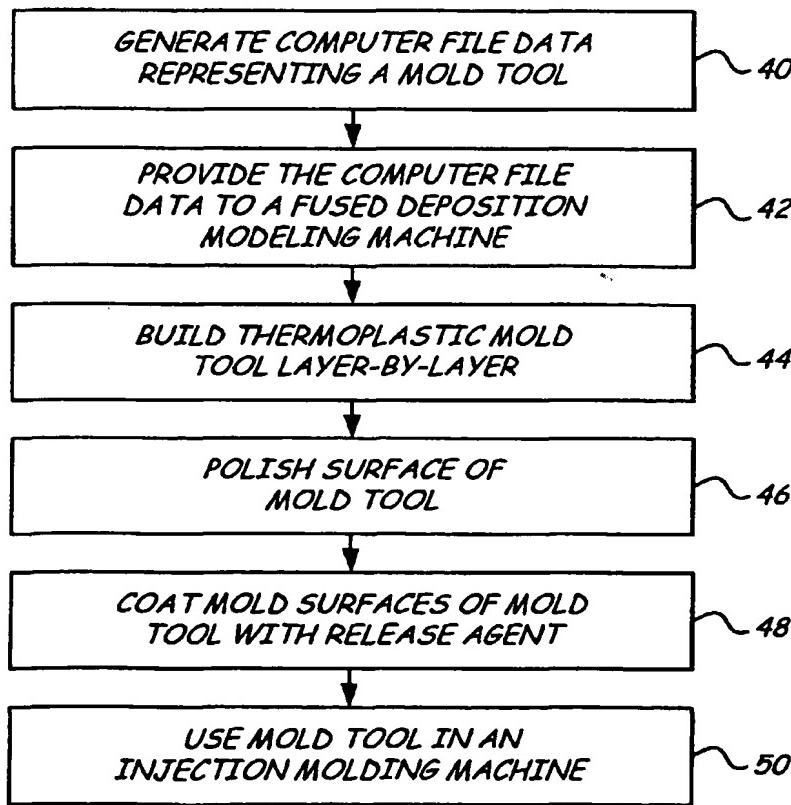
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(54) Title: LAYERED DEPOSITION BRIDGE TOOLING



(57) **Abstract:** Disclosed is a method for making a prototype plastic injection molded part from a mold tool (10) built by fused deposition modeling. The mold tool (10) is built by depositing roads of a molten thermoplastic resin in layers in a predetermined pattern defined by computer file data representing the inverse of the desired prototype molded part, and is used in an injection molding machine without the addition of any reinforcement fill material or layers to create the prototype part. The disclosed method provides prototype plastic injection molded parts within a twenty-four hour time period.

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